

CLAIMS

What is claimed is:

- 5 1. A method performed by a communications network, said network comprising nodes interconnected by communication links, at least some of said nodes being connected in a ring by said links, said method comprising:
- 10 accounting for bandwidth based on source steered restoration;
 reserving bandwidth on a worst-case single failure scenario basis;
 avoiding redundancy in accounting for reservation protection;
 applying traffic configuration matrices to determine span loading.